

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/006719

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01B33/18 B01J20/10 C09C1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B B01J C09C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 182 168 A (DEGUSSA AG) 27 February 2002 (2002-02-27)	1,3,5-25
Y	paragraph '0020!; claims	2,4
Y	US 3 830 738 A (ARNOLD GEORGE COTTRELL) 20 August 1974 (1974-08-20) the whole document	2,4
Y	EP 1 281 733 A (DEGUSSA) 5 February 2003 (2003-02-05) claims	2,4
X	US 2003/089279 A1 (JURGEN MEYER ET AL.) 15 May 2003 (2003-05-15) the whole document	1-25
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

11 October 2004

Date of mailing of the international search report

22/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 122 518 A (CENEK H. VRBA) 16 June 1992 (1992-06-16) abstract	1-4, 22, 24
X	"Ullmann's Encyclopedia of Industrial Chemistry - Volume A23" 1993, VCH VERLAGSGESELLSCHAFT, WEINHEIM , XP002300084 page 635 - page 641	1-25

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